

STEREO MOC Status Report
Time Period: 2019:175 - 2019:181

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- None.

2. The following spacecraft/instrument events occurred during this week. The Ahead observatory operated nominally during this week.

- On day 176, the 120th momentum dump was executed successfully at 1730z, which imparted an estimated delta V of 0.075 m/sec. This was the 39th momentum dump that did not use the IMU. After thruster operations completed, there was a 0.41 degree of roll angle error. Fine pointing stabilized 2.8 minutes after completion of the momentum dump.
- The average daily science data return for Ahead was 6.2 Gbits during this week.